10/581471

4 3 Rec'd PCT/PTO 01 JUN 2005

EXPRESS MAIL CERTIFICATE

DOCKET NO.: 176/61702

APPLICANT(S): FAY et al.

TITLE: RECOMBINANT FACTOR VIII HAVING INCREASED SPECIFIC ACTIVITY

Certificate is attached to the Information Disclosure Statement, Form SB-08, PCT Search Report and 4 references of the above-named application.

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AP3 Rec'd PCT/PTO 01 JUN 2008

PATENT

Docket No.: 176/61702

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	FAY et al.)
U. S. Serial No:	To be assigned)
Filed:	Herewith)
PCT International Application No:	PCT/US2004/040234)
Filed:	2 December 2004)
For:	RECOMBINANT FACTOR VIII HAVING INCREASED SPECIFIC ACTIVITY) ((_

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97-1.98

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P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In compliance with 37 C.F.R. 1.56, 1.97, and 1.98, published art are cited for consideration and listed on the enclosed PTO/SB/08 form.

References 1, 2 and 19-25 were cited in the International Search Report (copy enclosed) of the corresponding PCT application. These references are relevant for the reasons given in the report. Because copies of these references should have been transferred by the International Searching Authority, duplicate copies are <u>not</u> enclosed herewith.

References 3-18 are U.S. Patent documents and, therefore, copies of these references are <u>not</u> enclosed herewith.

Copies of references 26-29 are enclosed herewith.

- 2 -

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It is respectfully requested than an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

Date: _______ 1, 2006

Edwin V. Merkel Registration No. 40,087

NIXON PEABODY LLP Clinton Square, P.O. Box 31051 Rochester, New York 14603-1051

Telephone: (585) 263-1128 Facsimile: (585) 263-1600

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PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute	Substitute for form 1449A/PTO			Complete if Known	
INFO	DMATION I)ISC	LOSURE	Application Number	To Be Assigned
INFORMATION DISCLOSURE				Filing Date	Herewith
SIAI	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Philip FAY
				Art Unit	To Be Assigned
			Examiner Name	To Be Assigned	
Sheet	1	of	2	Attorney Docket Number	176/61702

			U.S. PATENT DOCUME	NTS	·
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cohmns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US 5,859,204 A	01-12-1999	Lollar	
11	2	US 6,759,216 B1	07-06-2004	Lollar	
	3	US 6,780,614	08-24-2004	Négrier et al.	
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	6	US 5,576,291	11-19-1996	Curtis et al.	
	7	US 5,880,327	03-09-1999	Lubon et al.	
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	16	US 2003/0166536 A1	09-04-2003	Lollar et al.	
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	18	US 2004/0147436 A1	07-29-2004	Kim et al.	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	
		Country Code ³ Number ⁴ (if known)					
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitut	Substitute for form 1449A/PTO			Complete if Known	
INFO	DMATIO	N DISC	Adiibu	Application Number	To Be Assigned
INFORMATION DISCLOSURE				Filing Date	Herewith
51A	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Philip FAY
				Art Unit	To Be Assigned
		Examiner Name	To Be Assigned		
Sheet	2	of	2	Attorney Docket Number	176/61702

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
	19	WAKABAYASHI et al., "Residues 110-126 in the Factor VIII Heavy Chain Contain a CA2+ Binding Site Required for Cofactor Activity," <i>Blood</i> 102(11):542a (2003).			
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	22	WAKABAYAHI et al., "Factor VIII: E113A Represents a High Specific Activity Factor VIII Arising From a Single Point Mutation within the Ca2+ Binding Site," <i>Blood</i> 104(11):479a (2004).			
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	27	PIPE et al., "Characterization of a Genetically Engineered Inactivation-Resistant Coagulation Factor VIIIa," <i>Proc Natl Acad Sci USA</i> 94:11851-11856 (1997).			
	28	LENTING et al., "The Life Cycle of Coagulation Factor VIII in View of Its Structure and Function," <i>Blood</i> 92(11):3983-3996 (1998)			
	29	HERNÁNDEZ (editor), "Factor VIII/von Willebrand Factor Complex in Hemophilia A Treatment Recent Findings, Emerging Major Role," <i>Journal of Hematology</i> 88(9):1-27 (2003).			

Examiner	Date	
Signature	Considered	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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